

# PROJECT WORK

## DETAILED REPORT MIDROAD HELPER

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## **ABSTRACT:**

MIDROAD HELPER is going to be a good solution for the people who seek help in the remote locations with issues in their vehicle. In this application user and helper services are registered by giving their details. User details includes their mail, name, phone number, Location of user. Helper service (Mechanic, towing, fuel) details include their mail, name, phone number, Location, type of vehicle mechanic can repair, availability, ID to verify. This information is for any other purposes used only by this application. Admin verify and approve helper service. When user get any issue, They can get help from the helper chat if the issue is minor and if they need service like mechanic, towing, or they need fuel then they select required service. Helper services are listed within their area. User connect with helper service, then send their location and tell about their issue in their vehicle. Helper service came to user location and do the required service. Pay for the service and give feedback about the service. For admin feedback is helpful to know about the helper service. If the service not to the level then admin have the rights to reject the helper service from the application.

## **Introduction:**

The purpose of MIDROAD HELPER is to ease the people problem who seek help for the issue in the vehicle on road. The scope of MIDROAD HELPER is to create a convenient and easy-to-use application for user who seek for a help on the road. We hope to provide a comfortable user experience.

This application is going to develop using HTML, CSS as frontend which helps to style a good user interface and PHP, MYSQL as backend which helps to get data form web page to the database and vice versa. Visual Studio Code is used as a tool for coding HTML, CSS, and PHP. XAMPP server helps to run a MYSQL database. Simple Mail Transfer Protocol (SMTP) is used for sending mail. Google map API is used for location purposes with help of API key and geolocation, location of the user can be find and the same is used to list the helper service near the user area. The most common attacks, SQL Injection and Cross Site Scripting (XSS) are prevented in this application

## **PROBLEM STATEMENT:**

The problem is find help when sudden issue in our vehicle while travelling. In this situation, the only way is to look for some other transportation at that time of issue and then they need to get a needed service to the particular location at which they have left their vehicle. In this application, the users can get nearby area services by searching at anytime and anywhere. The admin can access the services details and provide approval.

## **EXISTING SYSTEM**

- In an existing system there are users who have their own service number and it is also difficult for them to arrive.
- And it is also possible to find out the desired service at remote locations.
- The only way is to look for any other transportation at that time of issue and then they need to get a service to the particular location at which they have left their vehicle.

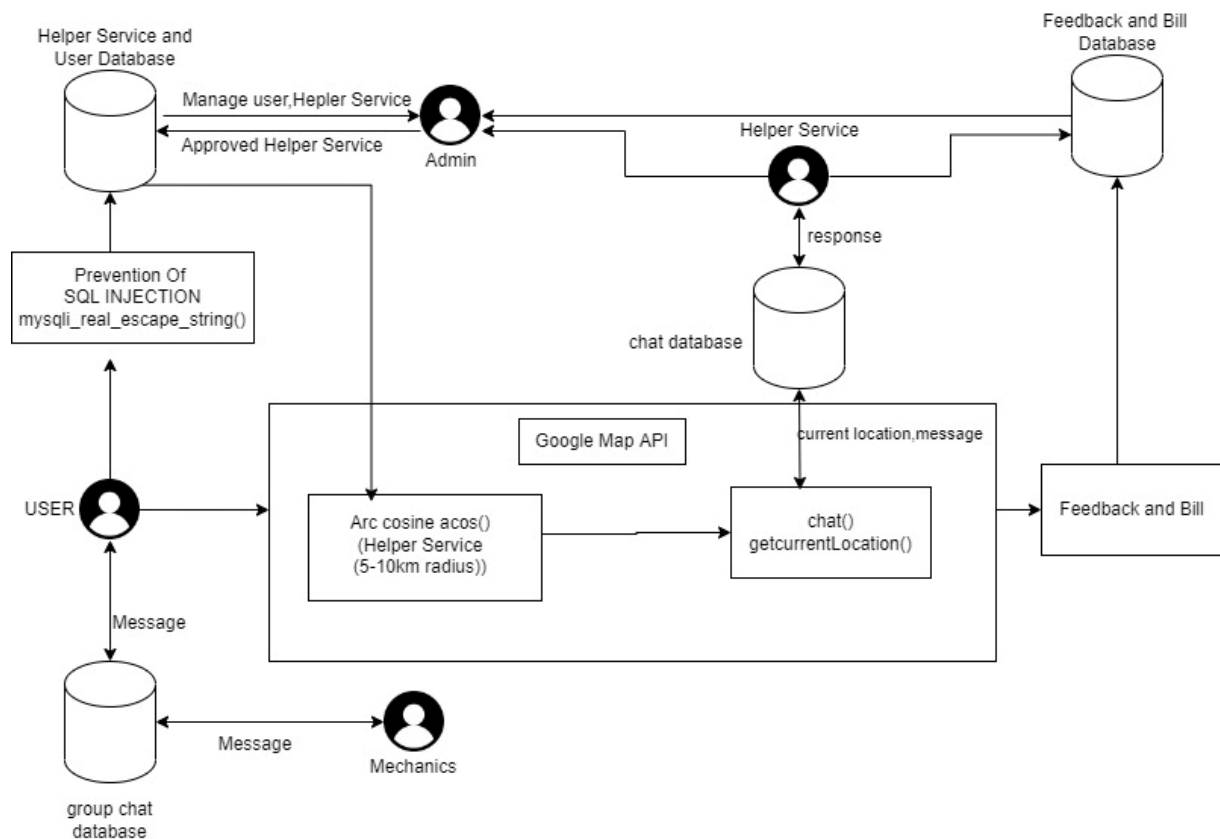
## **PROPOSED SYSTEM**

- The proposed application helps to find the nearby services easily and quickly.
- This application show the user location and direct the nearest service provider to the user.
- It allows us to search the nearby mechanics from different locations and call to the mechanic or chat with the mechanics.
- The user can make payment based on their service through this application.

## **OBJECTIVE:**

- The main objective of MIDROAD HELPER is to get services easily when the user have an issue in their vehicle while travelling.
- MIDROAD HELPER also helps helper services to get a business.
- This system project is made as user friendly as possible so that anyone can use it with little knowledge of system computers.

## Architecture Diagram:



## ARCHITECTURE DIAGRAM EXPLANATION:

The overall system architecture of the proposed system is shown above. Helper Service details are stored in the temporary database. Admin verify and accept the helper services. Then the details add to the helper service database. User get the nearby helper service with the help of user's current location from helper service database. User can select the required helper service. Once user connect with helper service, User can send the location to the helper service via chat. Helper service came to user's location and finish their services. User need to pay for the service and give feedback for the service these details are store to the Feedback and Bill database. These details are monitored by admin.

## **LIST OF MODULES:**

- **User**
  - Register and Login
  - Update profile
  - Helper Chat
  - Connect helper service
  - Chat with helper service
  - Payment
  - Feedback
- **Helper Service**
  - Register and Login
  - Update profile
  - Helper chat
  - Connect with user
  - Chat with user
  - Feedback
- **Admin**
  - User details
  - Helper service details
  - Approve helper service
  - Feedback

## **BRIEF DESCRIPTION OF MODULE:**

- **User**

- Register and Login:

- User should register in this application. The details required to register are name, email, phone number, and password. Then user can login into the application by providing their email and password

- Update Profile:

- User can able to view their details, their name, email, phone number. User can able to update or change their details in this application.

- Helper Chat:

- User send their issue in the helper chat and mechanics in helper chat provide solution if the issue is minor and the issue can be solved by the user.

- Connect with Helper Service:

- User select their problem, the problems listed are Mechanic issue, Towing, Fuel and nearby helper services are listed then connect with the helper service.

- Chat with helper service:

- After connect with helper service, user chat with them by telling the issue and send current location to helper service.

- Payment and Feedback:

- After service finished user pay for the service and give feedback about the service.

- **Helper Service**

- Register and Login:

- Helper service should register in this application. The details required to register are name, email, phone number, password, availability, location, type of vehicle, Id Proof. Then Helper service can login into the application by providing their email and password. Check approved by admin or not. After approval, Helper service can help and provide service to user

- Update Profile:

- Helper service can able to view their details, like their name, email,

phone number, availability, location, type of vehicle and id proof. Helper service can able to update or change their details in this application.

- Helper Chat:

Helper service send solution for the issue of users in helper chat. It is a group chat where all mechanic can send their inputs to the user. This is useful when the user has a minor issue where mechanic not needed user can handle the situation

- Connect and chat with User:

User send request, helper service can accept or reject. If the issue is solved by the helper service, they can accept else they can reject. After accepting, user send their location to the helper service.

- Feedback:

User give feedback about the service. Feedbacks are listed to the helper service. Good feedback motivates the helper service to give service in much good way, Bad feedback helps helper service to improve their services in compare to previous services.

- **Admin**

- User Details:

User's details are listed to the admin. Admin view all about the user details and manage those details.

- Helper Service:

Helper service details are listed to the admin. Admin view all about the helper service details and manage those details.

- Approve Helper Service:

Admin verify the details provided by the helper service and approve the helper service if the details are valid.

- Feedback:

By getting feedback from the users, admin manage helper service by continue or reject the helper service. Helper service get good feedback can continued in the Mid road Helper. Helper services get bad or worst feedback admin have the rights to reject the helper service. Those helper service no longer able to continue in the mid road helper.

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